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**Load handling hydraulic control device for mobile loader or fork lift truck has filling line for hydraulic reservoir fed off from main hydraulic line by supplying hydraulic cylinder via valve device controlling cylinder movement**

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### Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
DE 19913784	A1	20000928	DE 1013784	A	19990326	200056	B
WO 200058570	A1	20001005	WO 2000EP2263	A	20000315	200056	
EP 1165895	A1	20020102	EP 2000912605	A	20000315	200209	
			WO 2000EP2263	A	20000315		
EP 1165895	B1	20030423	EP 2000912605	A	20000315	200329	
			WO 2000EP2263	A	20000315		
DE 50001872	G	20030528	DE 501872	A	20000315	200336	
			EP 2000912605	A	20000315		
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### Patent Details

Patent	Kind	Language	Page	Main IPC	Filing Notes
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### Abstract:

DE 19913784 A1

**NOVELTY** The hydraulic control device has at least one hydraulic cylinder (14) for movement of a load handling tool, coupled to a hydraulic source (9) via a main hydraulic line containing a valve device for controlling the movement direction and movement rate. A filling line (41) which is fed off from the main hydraulic line via the valve device contains a filling valve (42) for supplying a hydraulic reservoir (40) to maintain it at a required pressure.

**USE** The hydraulic control device is used for the load handling tool of a mobile loader or a fork lift truck.

**ADVANTAGE** The device prevents uncontrolled movement of the hydraulic cylinders.

**DESCRIPTION OF DRAWING(S)** The figure shows a schematic diagram of a hydraulic control device.

Hydraulic source (9)

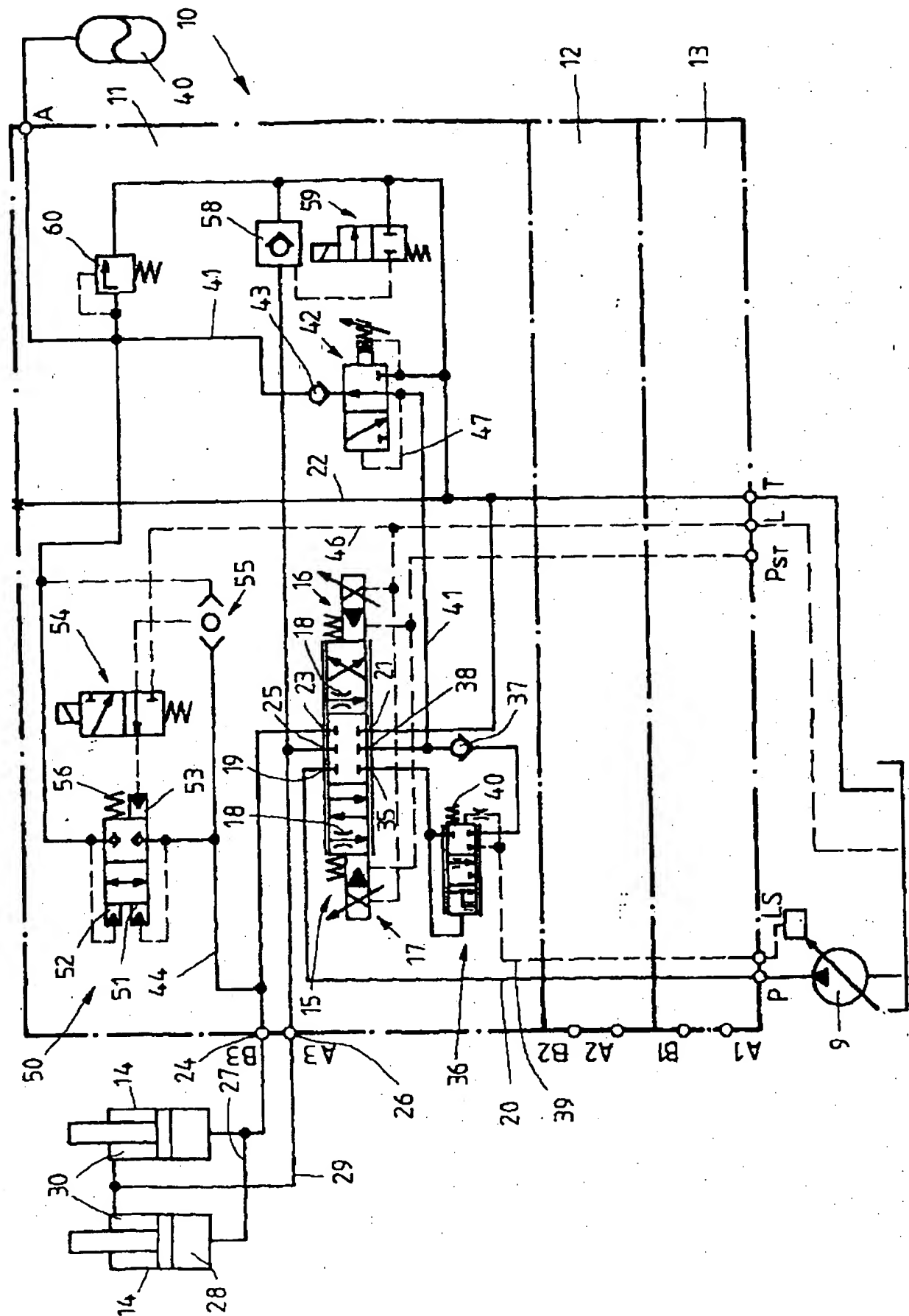
Hydraulic cylinder (14)

Hydraulic reservoir (40)

Filling line (41)

Filling valve (42)

pp; 14 DwgNo 1/6



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